

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/GB2004/003001

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D04H13/00 B32B5/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 D04H B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | WO 01/38074 A (ROY GUY LE) 31 May 2001 (2001-05-31) page 6, lines 9-18 page 8, lines 6-13; figures 4,17 | 1,22 |
| X | US 5 475 904 A (LE ROY GUY) 19 December 1995 (1995-12-19) column 2, lines 13-20; figures 8,10,12,13 column 7, lines 24-26 | 1,22 |
| A | WO 93/05219 A (FINNCLEVER OY) 18 March 1993 (1993-03-18) page 1, lines 8-10; figures 3,4 | 1-46 |
| A | US 4 839 216 A (TRUSTY ALAN J ET AL) 13 June 1989 (1989-06-13) abstract; figure 6 | 1-46 |

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

19/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Lanniel, G

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inventor's Application No
F... 82004/003001

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date |
|---|---|---------------------|----|----------------------------|---------------------|
| WO 0138074 | A | 31-05-2001 | FR | 2801613 A1 | 01-06-2001 |
| | | | WO | 0138074 A2 | 31-05-2001 |
| | | | AU | 2177201 A | 04-06-2001 |
| US 5475904 | A | 19-12-1995 | FR | 2678547 A1 | 08-01-1993 |
| | | | AT | 129757 T | 15-11-1995 |
| | | | AU | 2278492 A | 11-02-1993 |
| | | | CA | 2112582 A1 | 21-01-1993 |
| | | | DE | 69205828 D1 | 07-12-1995 |
| | | | DE | 69205828 T2 | 04-07-1996 |
| | | | EP | 0594700 A1 | 04-05-1994 |
| | | | ES | 2081118 T3 | 16-02-1996 |
| | | | WO | 9301342 A1 | 21-01-1993 |
| | | | JP | 3058347 B2 | 04-07-2000 |
| | | | JP | 6508893 T | 06-10-1994 |
| | | | KR | 221167 B1 | 15-09-1999 |
| WO 9305219 | A | 18-03-1993 | FI | 920540 A , B, | 13-03-1993 |
| | | | AT | 160595 T | 15-12-1997 |
| | | | AU | 658448 B2 | 13-04-1995 |
| | | | AU | 2540392 A | 05-04-1993 |
| | | | CA | 2116978 A1 | 18-03-1993 |
| | | | CZ | 9400570 A3 | 15-06-1994 |
| | | | DE | 69223324 D1 | 08-01-1998 |
| | | | DE | 69223324 T2 | 16-07-1998 |
| | | | DK | 607168 T3 | 10-08-1998 |
| | | | EP | 0607168 A1 | 27-07-1994 |
| | | | ES | 2111647 T3 | 16-03-1998 |
| | | | WO | 9305219 A1 | 18-03-1993 |
| | | | GR | 3026172 T3 | 29-05-1998 |
| | | | HU | 68009 A2 | 29-05-1995 |
| | | | JP | 3254564 B2 | 12-02-2002 |
| | | | JP | 6510571 T | 24-11-1994 |
| | | | KR | 262389 B1 | 01-08-2000 |
| | | | NO | 940577 A | 02-03-1994 |
| US 4839216 | A | 13-06-1989 | US | 4695422 A | 22-09-1987 |
| | | | AT | 42708 T | 15-05-1989 |
| | | | AU | 581643 B2 | 02-03-1989 |
| | | | AU | 3871685 A | 22-08-1985 |
| | | | BR | 8500745 A | 08-10-1985 |
| | | | CA | 1239517 A1 | 26-07-1988 |
| | | | CA | 1242062 A2 | 20-09-1988 |
| | | | DE | 3569903 D1 | 08-06-1989 |
| | | | EP | 0156471 A2 | 02-10-1985 |
| | | | ES | 8609004 A1 | 16-12-1986 |
| | | | ES | 8700595 A1 | 16-01-1987 |
| | | | FI | 850647 A , B, | 17-08-1985 |
| | | | GB | 2154173 A , B | 04-09-1985 |
| | | | GB | 2184389 A , B | 24-06-1987 |
| | | | GB | 2184390 A , B | 24-06-1987 |
| | | | GB | 2184391 A , B | 24-06-1987 |
| | | | GR | 850301 A1 | 22-03-1985 |
| | | | HK | 58490 A | 10-08-1990 |
| | | | HK | 59290 A | 10-08-1990 |
| | | | HK | 59390 A | 10-08-1990 |
| | | | HK | 59490 A | 10-08-1990 |
| | | | IE | 56103 B1 | 10-04-1991 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

In national Application No
F01/GB2004/003001

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| US 4839216 | A | JP 2076354 C | 25-07-1996 |
| | | JP 6079828 B | 12-10-1994 |
| | | JP 60242042 A | 02-12-1985 |
| | | KR 9209924 B1 | 06-11-1992 |
| | | MX 167312 B | 15-03-1993 |
| | | PH 21997 A | 02-05-1988 |
| | | PH 26248 A | 01-04-1992 |
| | | SG 43090 G | 17-08-1990 |
| | | SG 43590 G | 17-08-1990 |
| | | SG 43690 G | 17-08-1990 |
| | | SG 43790 G | 17-08-1990 |
